DEVELOP

Dynamic balance

Product Guide

ineo+ 25

04.04.11

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Product Basic

MODEL DEVELOPMENT CODE	Citrine AIO
PROPOSED MODEL NAME	ineo+ 25
SUCCESSOR MODEL FOR	ineo+ 20
ESTIMATED SALES START	05/11
DATAQUEST SEGMENT	II
ALSO AVAILABLE AS	KM bizhub C25, Olivetti d-Color
TYPE	Desktop Tandem Full Colour A4 Laser Beam Printer
MAX. (PEAK) MONTHLY COPY VOLUME	120 k prints
AVERAGE/PERMANENT MONTHLY COPY VOLUME	6.6 k prints
EXPECTED AVERAGE MONTHLY COPY VOLUME	378/882 prints (colour/black)
MACHINE LIFE	400 k sheets or 5 years whichever comes first
ADF & SCANNER LIFE	Flatbed: 100 k scans or 5 years whichever comes first ADF: 100 k scans or 5 years whichever comes first
MCBF Body (Mean Copies Between Failure)	60 k
MCBJ (Mean Copies Between Jam)	5 k
MCBV (Mean Copies between Visit)	No indication
MTTR (Mean Time To Repair)	30 minutes or less
SAFETY & ENVIRONMENT English/German Product Data Sheets	dBox / Marketing / Safety and Environment
OPERATION CONDITIONS	Monochrome & Full Colour 2 pages/job Average Coverage 5% for Monochrome & Full Colour

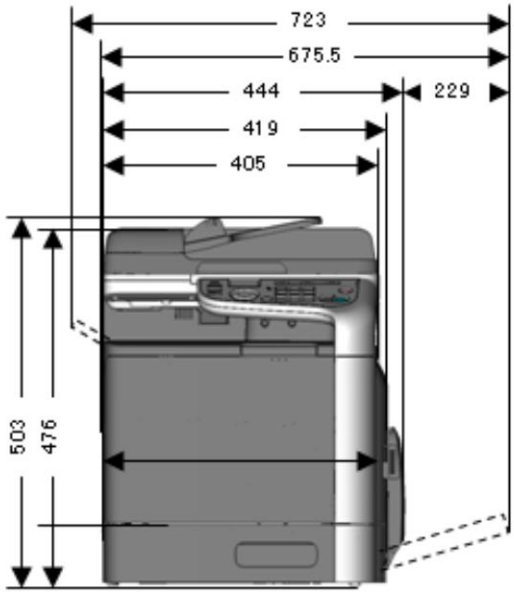
PLEASE NOTICE
Standard paper weight for systems is 80 g/m^2 for monochrome machines and 90 g/m^2 for full colour ones. Since using these standards result in optimum system performance, all specifications on performance, reliability, maintenance and replacement based on those standard papers. Using thick papers, labels, transfer and polyester films continuously can increase the wear and tear on replacement parts and consumables – meaning your servicing costs will go up.
Use the bypass or the lower tray from the paper feed unit when working with materials having such characteristics as polyester films, textile transfer films and labels. Otherwise, you may be faced with double feeding or a higher number of feeding jams.
If possible use subtray when working with materials having such characteristics as polyester films, textile transfer films and labels.
Roller-marks on the copy or print may appear or increased jams can occur. Standard paper weights yield the best possible copy and print results. Using higher grammage may influence the quality of the output. Using standard paper weights also guarantees that double sided copies and prints are made reliably. Different characters of films as well as thick, thin and coated papers may increase the jam rate for double sided copies and prints.

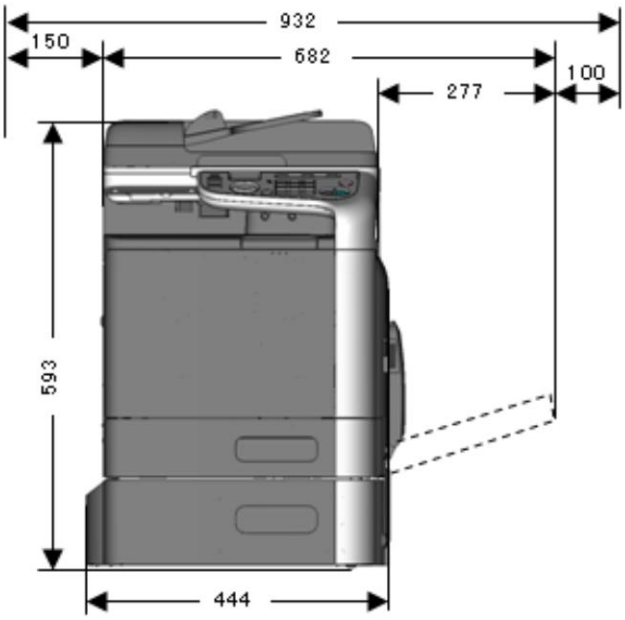
Product Configuration

SYSTEM CONFIGURATION

Standard	Automatic Document Feeder (ADF)
	Duplex Unit
	250 Sheet Paper Cassette
	Multi Purpose Tray (MPT)
Option	Lower Paper Feeder PF-P09
	Hard Disc Kit HD-P03
	Memory M-35C
	Compact Flash Adapter MK-725
	Compact Flash Card (Country local)
	Simple Copy Desk SCD-25
	Dongle Wireless LAN (Ethernet)

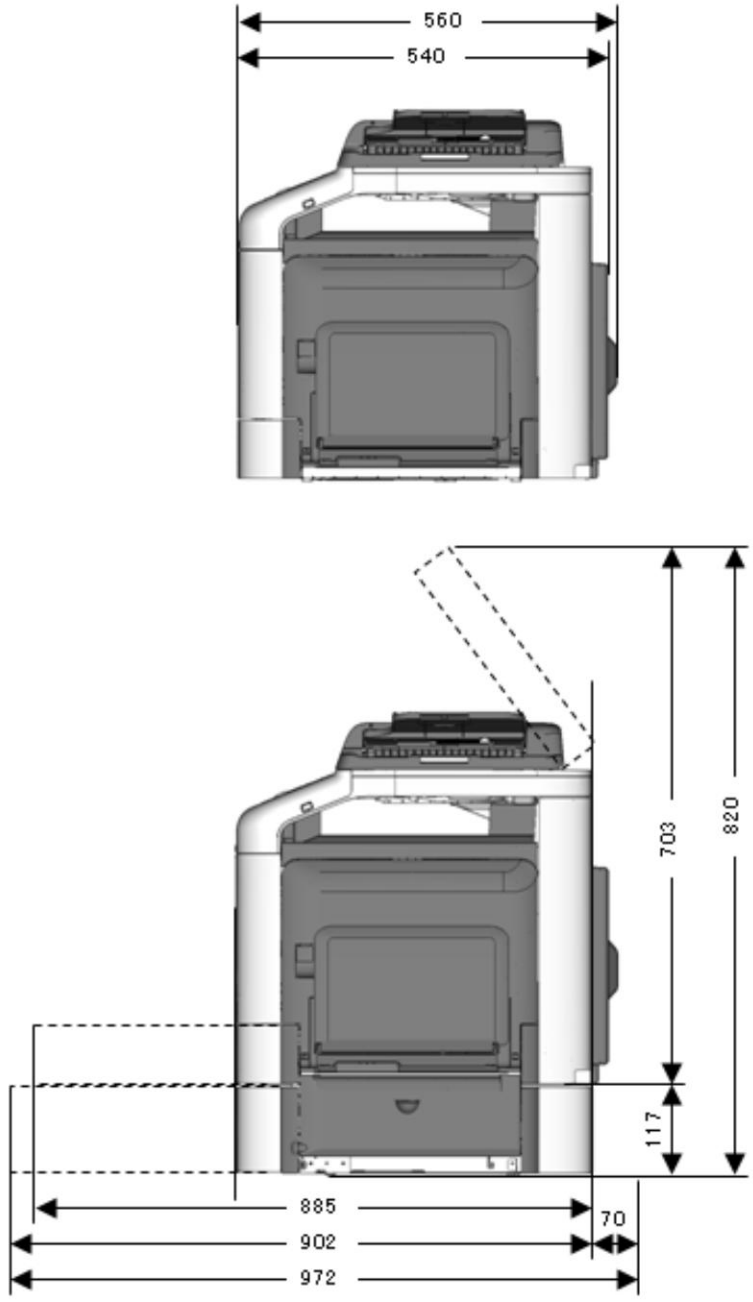
SYSTEM DIMENSION





Unit in mm

SYSTEM DIMENSION



Unit in mm

System Specifications

ORIGINAL FEEDER	Standard
Original Size	A5, A4, Legal, Letter
Original Weight	50 – 110 g/m²
Tray Capacity	35 originals
Double Side Feeding	No, only single side
Feeding Type	Input: Face up, Output: Face down
Speed	20 opm A4 (Full Colour & B/W)
PAPER CASSETTE	Standard
Number of Cassettes	1 universal type
Capacity	250 sheets A4/80g/m²
Paper Size	A6 - A4 (Legal, Letter)
Paper Weight	60 – 210 g/m²
Max. Paper Capacity	850 sheets (incl. optional cassette)
Media Types	Plain Paper, Recycling paper
MULTI PURPOSE TRAY	Standard
Capacity	100 sheets 80 g/m²
Paper Size	A4 lengthwise, A5 lengthwise, A6 lengthwise, Custom Size (width: 92 – 216 mm, length: 148 – 356 mm)
Paper Weight	60 – 210 g/m²
Media Types	Plain paper, recycling paper, labels, thick paper, glossy paper, envelopes. OHP transparencies are not supported.
DUPLEX UNIT	Standard
Paper Size	A4 lengthwise, B5 lengthwise, custom size: 182 – 216 mm, 254 – 356 mm.
Paper Weight	60 – 210 g/m²
Media Types	Plain paper, recycling paper, thick paper

LOWER PAPER FEEDER PF-P09	Option
Capacity	500 sheets A4/80g/m²
Paper Size	A4 (B5, letter, legal)
Paper Weight	60 – 90 g/m²
Dimensions (W x D x H) [mm]	444 x 520 x 117
Weight [kg]	7.0
Remark	One additional cassette can be adapted.
SIMPLE COPY DESK SCD-25	Option
Dimensions (W x D x H) [mm]	520 x 419.1 x 505
Weight [kg]	13.2
Function	To place the machine in a correct operation height and to store paper and/or consumables
Remark	The SCD-25 can be used also for ineo+ 35P.
COMPACT FLASH ADAPTER MK-725	Option
Remark	Either the HDD Kit or the Compact Flash Adapter can be installed.
CF FLASH CARD	Option
Availability Status	Local procurement
Capacity	1 GB or more
Recommended Supplier	Kingston
Remark	Flash card enables direct printing (PDF, TIFF, JPEG), downloading fonts/profiles/overlays, collating, PDF direct print

HDD KIT HD-P03	Option
Capacity	40 GB
Remark	HDD Kit enables direct printing (PDF, TIFF; JPEG), downloading fonts/profiles/overlays, collating, PDF direct print, secure printing, proof-then-print, job storing, XPS emulation. Either the HDD Kit or the Compact Flash Adapter can be installed.
MEMORY M-35C	Option
Capacity	512 MB
Remark	Increases printing performance. To make sure, that the machine will run properly, use just the recommended memory expansion.
NETWORK-to WIRELESS ADAPTER SX-600	Option
Function	Wireless LAN dongle for Ethernet connection

Copier Specifications

WARM-UP TIME	Switch on to READY: 38 sec. or less Sleep to READY: 38 sec. or less
FIRST COPY	Monochrome: 11 sec. or less Full Colour: 16 sec. or less
COPY SPEED	Continuous: 24/24 ppm A4 lengthwise 1:1: 20/20 ppm A4 lengthwise
SCAN RESOLUTION	CD Direction: 300 dpi, 600 dpi FD Direction: 600 dpi 300 dpi (ADF)
COPY/PRINT RESOLUTION	CD Direction: 600 dpi (x3bit when using controller) FD Direction: 600 dpi
GRADATION	256 colour shades per pixel (8-bit)
MEMORY CAPACITY	128 MB (std./max.)[shared with copy, scan and fax]
HDD	Not required for copying
ZOOM RATIO	Flatbed: 25 – 400 % (1 % increment) ADF: 25 – 200 % (1 % increment)
ENLARGEMENT / REDUCTION	fixed ratios supported
MULTI COPY	1 – 99
EXPOSURE MODES	Text, Text/Photo, Photo Auto/Manual (7 levels)
PRINTABLE AREA	Copy Mode: 4.0 mm void area on all edges Printing: 4.2 mm void area on all edges
OUTPUT CAPACITY	150 pages plain paper 10 pages thick paper, films, etc.
POWER REQUIREMENT	220-240 V AC/50/60 Hz/4.4 A
POWER CONSUMPTION	Max. 1.1 kW or less Sleep Mode: 34 W or less
TEC VALUE	4.415 kWh or less
DIMENSIONS (W x D x H) mm	446.5 x 558 x 490
MACHINE WEIGHT (kg)	27.7 (w/o consumables) 32.5 (incl. consumables)
FEATURES	
Duplex Copy	yes
Sort Copy	yes
ID Card Copy	yes
x-in-1 copy	2in1, 4in1
Flatbed N-in-1 copy	yes
Image Repeat	yes
Poster Mode	yes

Printer Specifications

CPU	MV78100 (800 MHz)
PRINT SPEED	Monochrome/Full Colour: 24/24 ppm A4 lengthwise
FIRST PRINT	Monochrome: 16 sec. or less Full Colour: 16 sec. or less
PRINT RESOLUTION	600 x 600dpi x 3bit
PRINTABLE AREA	4.2 mm void area on all edges
PDL	PostScript3 Emulation (3016) PCL5e/c/PCL6 (XL3.0) XPS (version 1.0) PDF (version 1.7) PDF/JPEG/TIF/XPS Direct Print
MEMORY	256 MB (std.), 768 MB (max.) [for print only]
HDD	40 GB (option, shared with the copier)
INTERFACE	10Base-T/100Base-TX/1000Base-T RJ45x1 Device USB: USB 2.0 (High Speed) Host USB: USB 2.0 (High Speed)
PROTOCOL	TCP/IP, IPX/SPX, EtherTalk, Netware 4.x, 5.x, 6, IPP 1.1, POP3, LDAP, SNMP v1, v2, v3, HTTP/HTTPS, IPv6, DPWS (WSD), IPP over SSL, IPSec (IPv6), Bonjour, NTP, SSL/TLS, Dynamic DNS, LLTD, IEEE802.1X, FTP,SLP, LLMNR, DHCP, BootP, DHCPv6
SUPPORT OS	Server OS Windows: Server 2003/Server 2008 Server 2003 x64 Edition/ Server 2008x64 Edition Server 2008 R2 Netware 4/5/6 Client OS Windows: XP (ServicePack2 or later)/Vista (ServicePack1)/XP x64 Edition/Vista x64 Edition/7/7 x64 Edition Macintosh: OS X (10.3.9/10.4/10.5/10.6) Linux: SUSE Linux Enterprise Desktop 10 (CUPS Ver. 1.1.23) Red Hat Enterprise Linux 5 Desktop (CUPS Ver. 1.2.4) Citrix :
FONTS	PCL: 80 fonts PS: 137 fonts

NETWORK UTILITIES	Device Manager Web Connection (Embedded Web Server) Direct Print SAP R3
FEATURES	
Single Side/Double Side	yes/yes
N-up	2/4/6/9/16-up
Poster	2x2/3x3/4x4 (PCL only)
Booklet	yes
180º Rotation	yes
Blank Page Control	yes, PCL only
Collate	Off/On
Binding Position	yes
Binding Direction	yes

Scanner Specifications

TYPE	Full-Colour Scanner
INTERFACE	Ethernet (10Base-T/100Base-TX/1000Base-T), USB Host
DRIVER	Network TWAIN Driver (Windows & Mac OS X), WIA (1.0/2.0) Driver (for Windows only)
PROTOCOL	TCP/IP (FTP, SMB, SMTP)
SCANNING SPEED	Monochrome/Full Colour: 20/10 opm A4 size (300dpi)
SCANNING SIZE	Flatbed: Max. Legal ADF: Max. 215.9 x 500 mm
OUTPUT FORMAT	TIFF, PDF, JPEG
SUPPORTED OS	XP/Vista/7/Server 2003/Server 2008 Mac OS (10.3.9/10.4/10.5/10.6)
SCANNING RESOLUTION	Optical Resolution: 300x300dpi, 600x300dpi, 600x600dpi Scan to xx: 150x150dpi, 300x300dpi TWAIN/WIA Scan: 150dpi, 300dpi, 600dpi, 1200dpi, 2400dpi, 4800dpi (TWAIN only)
INTERFACE	Ethernet 10Base-T/100Base-TX/1000Base-T USB Host
SCAN TO....	
...E-mail	yes
...SMB	yes
...FTP	yes
...USB Memory	yes
OTHERS	
Save in User Box	no
One-touch Registration	Up to 220
LDAP Search	yes, (scan to e-mail only)

Fax Specifications

COMMUNICATION	Super G3
COMPATIBLE LINES	Public Switch Telephone Network, PBX
RESOLUTION	Standard: 203 x 98 dpi Fine: 203 x 196 dpi Super Fine: 203 x 392 dpi
MODEM SPEED	2.4 to 33.6kbps
COMPRESSION	MH/MR/MMR/JBIG
TRANSMISSION SIZE	Flatbed Scan: Max. A4 ADF-Scan: Max. 215.9 x 500 mm
RECEIVING SIZE	Max. Legal Long Length max. 500 mm – following the page division
FAX TRANSMISSION SPEED	Approx. 3 sec. (A4, V.34, 33.6kbps, JBIG)
SCANNING SPEED	20 opm A4 (monochrome)
NUMBER of ABBRIVIATION DIALS	220 (max. values incl. Scan to ….)
NUMBER of PROGRAM DIALS	no program dial
NUMBER of GROUP DIALS	20 (max. 50)
SEQUENTIAL MULTIPLE STATION TRANSMISSION	236
LDAP SEARCH	yes, (fax to e-mail only)
2-SIDED TRANSMISSION	no
MEMORY/TIMER TRANSMISSION	yes/yes
MEMORY RX	yes
MEMORY RECEPTION	yes, (save when printing fails)
FAX FORWARDING	yes (e-mail/fax)
POLLING TRANSMISSION/RECEPTION	no
TRANSMISSION REPORT	yes
INTERNET FAX	no
PC FAX	yes
COVER SHEET (PC FAX)	yes

Consumables

TONER CARTRIDGE TNP-27 K	
Concept	Cartridge system
Yield	6 k (ISO 19798 based) continuous printing or 5.2 k (in case of 2 prints per job per cartridge)
Units per carton	1 cartridge
TONER CARTRIDGES TNP-27 CMY	
Concept	Cartridge system
Yield	6 k (ISO 19798 based) continuous printing or 4.5 k (in case of 2 prints per job per cartridge)
Units per carton	1 cartridge
IMAGING UNITS IUP-14 CMYK	
Yield	30 k continuous printing or 20 k in case of 2 prints per job
Units per carton	1
Remark	Developer and Drum are part of the Imaging Unit
FUSER UNIT FU-P02	
Yield	100 k
Remark	Customer Replaceable Unit (CRU)
2nd TRANSFER ROLLER TF-P04	
Yield	100 k
Remark	Customer Replaceable Unit (CRU)
TRANSFER BELT UNIT TF-P05	
Yield	100 k
Remark	Customer Replaceable Unit (CRU)
WASTE TONER BOX WB-P03	
Yield	9 k Colour (continuous printing) 36 k Monochrome (continuous printing)
Units per Carton	1
Remark: From factory side all machines are equipped with IUPs and start-up toner cartridges. The start-up toner cartridges have a limited yield of 2 k continuous printing (all colours). Important: The yield values listed in the above table indicate the average life time of the Print Units and Toner Cartridges. The life time is very much depending on printing conditions (coverage, paper size, etc.), differences in the printing method (continuous or one page printing) and type of media (plain paper, thick paper, films, etc.).	

Article Numbers

	Article No.	Compatibility
MACHINE		
ineo+ 25	4827000118	---
ACCESSORIES		
Lower Paper Feeder PF-P09	A0WJ022	ineo+ 35P
HDD Kit 40 GB HD-P03	A14F0Y1	ineo+ 35P
Flash Card Adapter MK-725	A14F0Y2	ineo+ 35P
Memory M-35C	9967000888	ineo+ 35P
Simple Copy Desk SCD-25	9960880000	ineo+ 35P
Network-to Wireless Adapter SX-600 (Dongle Wireless LAN)	9967001269	all, except ineo 164/213, D 191F
CONSUMABLES		
Imaging Unit Black IUP14K	A0WG13J	ineo+ 35/35P
Imaging Unit Yellow IUP14Y	A0WG18J	ineo+ 35/35P
Imaging Unit Magenta IUP14M	A0WG1EJ	ineo+ 35/35P
Imaging Unit Cyan IUP14C	A0WG1KJ	ineo+ 35/35P
Black Toner Cartridge TNP27K	A0X51D4	---
Yellow Toner Cartridge TNP27Y	A0X52D4	---
Magenta Toner Cartridge TNP27M	A0X53D4	---
Cyan Toner Cartridge TNP27C	A0X54D4	---
CUSTOMER REPLACEABLE UNITS (CRU)		
Waste Toner Box WB-P03	A1AU0Y1	ineo+ 35/35P
Fuser Unit FU-P02	A148021	ineo+ 35/35P
2nd Transfer Roller TF-P04	A1480Y2	ineo+ 35/35P
Transfer Belt Unit TF-P05	A1480Y1	ineo+ 35/35P

Service Part

Maintenance and Firmware Upgrade

Please refer to the related Service Manual.

Notebook recommendation for Service support (minimum configuration)

Hardware:
Notebook, 2GB RAM, 250GB HDD (at least 30 GBs free HDD space when fully configured), Optical Drive (CD/DVD Read & Write), PCMCIA Slot, 10/100Mbit Ethernet, USB 2.0

Software:
WinXP (rather than Vista or Windosw 7), MS-Office, Acrobat Reader, Burning Software (Nero Suite, IBM Record Now etc.), FTP Client (Filezilla etc.)

Periodical Replacement Parts

3.1 Periodical replacement parts list (CRU)

Class	Part to be replaced	Number of prints	Description
Processing section	Imaging unit (C,M,Y,K)	30,000 (Continuous printing) 20,000 (2 pages/job)	
	Standard in-box toner cartridge (C,M,Y,K)	2,000 (by 5% chart, 2 pages/job)	
	High-capacity toner cartridge (C,M,Y,K)	C,M,Y: 4,500 (by 5% chart, 2 pages/job)	
		K: 5,000 (by 5% chart, 2 pages/job)	
Image transfer section	Waste toner bottle (WB-P03)	Monochrome: 26,000 (by 5% chart, 2 pages/job)	
		Full color: 6,500 (by 5% chart, 2 pages/job)	
	Transfer roller (TF-P04)	100,000 (2 pages/job)	
	Transfer belt unit (TF-P05)	100,000 (2 pages/job)	
Fusing section	Fuser unit (FU-P02)	100,000 (2 pages/job)	

3.2 Periodical replacement parts list (FRU)

3.2.1 Main body

Class	Part to be replaced	Quantity	Parts No.	Actual durable cycle	Description
Tray1 (Manual feed tray)	Tray1 feed roller	1	4139 3032 ##	300,000	
Tray2	Tray2 feed roller	1	4139 3032 ##	300,000	

3.2.2 Option

Class	Part to be replaced	Quantity	Parts No.	Actual durable cycle	Description
Tray3 (Lower feeder unit) PF-P09	Tray3 feed roller	1	4537 6214 ##	300,000	

*1: For details, see the optional lower feeder unit (PF-P09) service manual.

Appendix

Media Type Tray Support, Weight & Capacity					
Media Type	Weight	Multi Purpose Tray	Standard Cassette	Optional Cassette	Duplex
Plain Paper	60 – 90 g/m²	yes, 100	yes, 250	yes, 500	yes
Recycled Paper	60 – 90 g/m²	yes, 100	yes, 250	yes, 500	yes
Transparency	---	---	---	---	---
Thick Paper	90 – 150 g/m²	yes, 20	---	---	yes
	150 – 210 g/m²	yes, 20	---	---	yes
Glossy Media	100 – 128 g/m²	yes, 20	---	---	---
	128 – 158 g/m²	yes, 20	---	---	---
Labels	---	yes, 20	---	---	---
Envelopes	---	yes, 10	---	---	---

Paper Size				
	Multi Purpose Tray	Standard Cassette	Optional Cassette	Duplex
Legal	yes	yes	yes	yes
A4	yes	yes	yes	yes
B5	yes	yes	yes	yes
A5	yes	yes	---	---
A6	yes	yes	---	---

Continues Copy/Print Speed			
		Plain Paper	Thick Paper
Simplex	A4 Monochrome	24.0 ppm	12.0 ppm
	A4 Colour	24.0 ppm	12.0 ppm
Duplex	A4 Monochrome	24.0 ppm	12.0 ppm
	A4 Colour	24.0 ppm	12.0 ppm

Copy Productivity (A4 1:1 Copy Speed)	
Monochrome (600x300dpi)	20 ppm
Colour (600x300dpi)	10 ppm
Colour (300x300dpi)	20 ppm
Thick Paper, Monochrome (600x300dpi)	12 ppm
Thick Paper, Colour (600x300dpi)	10 ppm
Thick Paper, Colour (300x300dpi)	12 ppm

First A4 Copy/Print out Time			
1st Print	Monochrome	16 sec or less	
	Colour	16 sec or less	
1st Copy	Monochrome	14 sec or less (standard)	11 sec or less (fastest)
	Colour	17 sec or less (standard)	16 sec or less (fastest)

Security Functions at a Glance	
Secure Print	yes, Windows only
Scan to E-mail SMTP authentication, POP3 before SMTP	yes
IEEE 802.1X support	yes
IP Filtering	yes
SSL/TLS Protocol	yes
HDD Data Encryption	yes (HDD opt. for print only)
Automatic Fax Destination verification & Transmission (CSI: Called Subscriber ID)	yes
Fax Number Confirmation	yes

What is delivered with the machine?		
Parts	Packed at Factory	Added in Europe
Start-up Toner Cartridges (all colours) Yield 2k (continuous printing)	yes	---
Start-up Print Units (all colours) Yield 30k (continuous printing)	yes	---
Paper Cassette	yes	
Document Feeder	yes	---
Copy Tray	integrated	---
Installation Guide	no	yes(printed)
Safety Information Guide	no	yes (printed)
DVD with Driver & User Guides	no	yes
Face Sheet	no	yes
AC Power Cord	yes (European standard)	---
Telephone Line Cable	no	---
USB Cable	no	---

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Note!
Since changes in technical features are the order of the day in the world of digital copiers and printing technology, please note that the technical data provided in this material was issued in March 2011. We reserve the right to make changes to the technical design. Specifications refer to maximum performance under standard conditions. No guarantee is provided in relation to any of the data supplied.

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